

SECTION 02510 - A.C. PAVEMENT AND BASE

City of San Diego, CWP Guidelines

PART 1 -- GENERAL

1.1 WORK OF THIS SECTION

- A. The WORK of this Section includes providing asphalt concrete pavement, cement-treated base, and associated materials.

1.2 RELATED SECTIONS

- A. The WORK of the following Sections applies to the WORK of this Section. Other Sections of the Specifications, not referenced below, shall also apply to the extent required for proper performance of this WORK.
 - 1. Section 02100 Site Preparation
 - 2. Section 02200 Earthwork

1.3 STANDARD SPECIFICATIONS

- A. Except as otherwise indicated in this Section of the Specifications, the CONTRACTOR shall comply with the Standard Specifications for Public Works Construction (SSPWC), as specified in Section 01090 - REFERENCE STANDARDS.

PART 2 -- PRODUCTS

2.1 MATERIALS REQUIREMENTS

- A. **Base:** Materials for aggregate base shall be crushed rock and rock dust complying with SSPWC Subsection 301-2.1.
- B. **Tack Coat:** Tack coat material shall comply with SSPWC Subsection 302-5.4.
- C. **Asphalt Concrete:** Asphalt concrete shall comply with SSPWC Subsection 400-4. Where construction of the pavement is to be accomplished in a single course, Class [C2] [] grading shall be used. Where construction consists of 2 or more courses, the surface course shall be Class [] [C2] grading and the lower courses shall be Class [B3] [] grading. Paving asphalt of viscosity grade [AR 2000] [AR 4000] [AR 8000 (for parking lots)] shall be used.
- D. **Pavement Marking Paint:** Pavement marking paint shall comply with SSPWC Subsection 210-1.6.
- [E. **Emulsified Asphalt Slurry Coat:** The slurry coat shall meet the requirements of SSPWC Subsection 203-5, and shall have the composition and grading indicated for [Type II] material.]

PART 3 -- EXECUTION

3.1 INSTALLATION REQUIREMENTS

- A. **Subgrade Preparation:** The subgrade shall be prepared as specified in Section 02200 as applicable to roadways and embankment. Two-inch by 4-inch redwood headers shall be firmly staked in the proper positions along all edges other than those where the pavement is to be placed against existing concrete or paved surfaces.
- B. **Cement-Treated Base:** Cement-treated base shall be installed where indicated and to the thickness indicated. Construction of the cement-treated base shall comply with SSPWC Subsection 301-3.3.
- C. **Tack Coat:** A tack coat shall be applied in accordance with the requirements of SSPWC Subsection 302-5.4.
- D. **Asphalt Concrete:** Asphalt concrete paving shall be constructed in accordance with SSPWC Subsection 302-5.
- E. **Traffic Marking:** Application of paint shall comply with SSPWC Subsection 310-5.6.
- [F. **Emulsified Asphalt Slurry Coat:** An emulsified asphalt slurry coat shall be applied to surfaces of existing asphaltic-concrete pavement as indicated. Mixing and spreading of the slurry coat shall conform to applicable portions of SSPWC Subsection 302-4. Slurry shall be applied at the rate of [1350] square feet per extra long ton.]

** END OF SECTION **